

DRAFT STATE ROUTE 29 COMPREHENSIVE MULTIMODAL CORRIDOR PLAN



April 15, 2020

Project Team

- Consultant Team
 - GHD
 - Elite Transportation Group
 - Regional Government Services
- Staff Working Group
 - City of American Canyon
 - City of Napa
 - Napa County
 - Caltrans



Project Goals

- Pivot off of corridor planning to date
- Identify a prioritized list of multimodal improvements
- Get Projects Funded
- Adhere to SB-1 Solutions for Congested Corridors Guidelines
- Align with Caltrans Corridor Analysis Guidelines



Public Outreach Overview

- **Community Workshops**
 - November 19, 2019
 - April 23, 2020 (To be confirmed)
- **Media**
- **Project Logo Branding and Project Information Cards**
- **Online Engagement**
- **Interactive Mapping Tool**



Existing Conditions



● Plan Area

- Northern Boundary – Imola Interchange
- Southern Boundary - SR 29 and SR 37

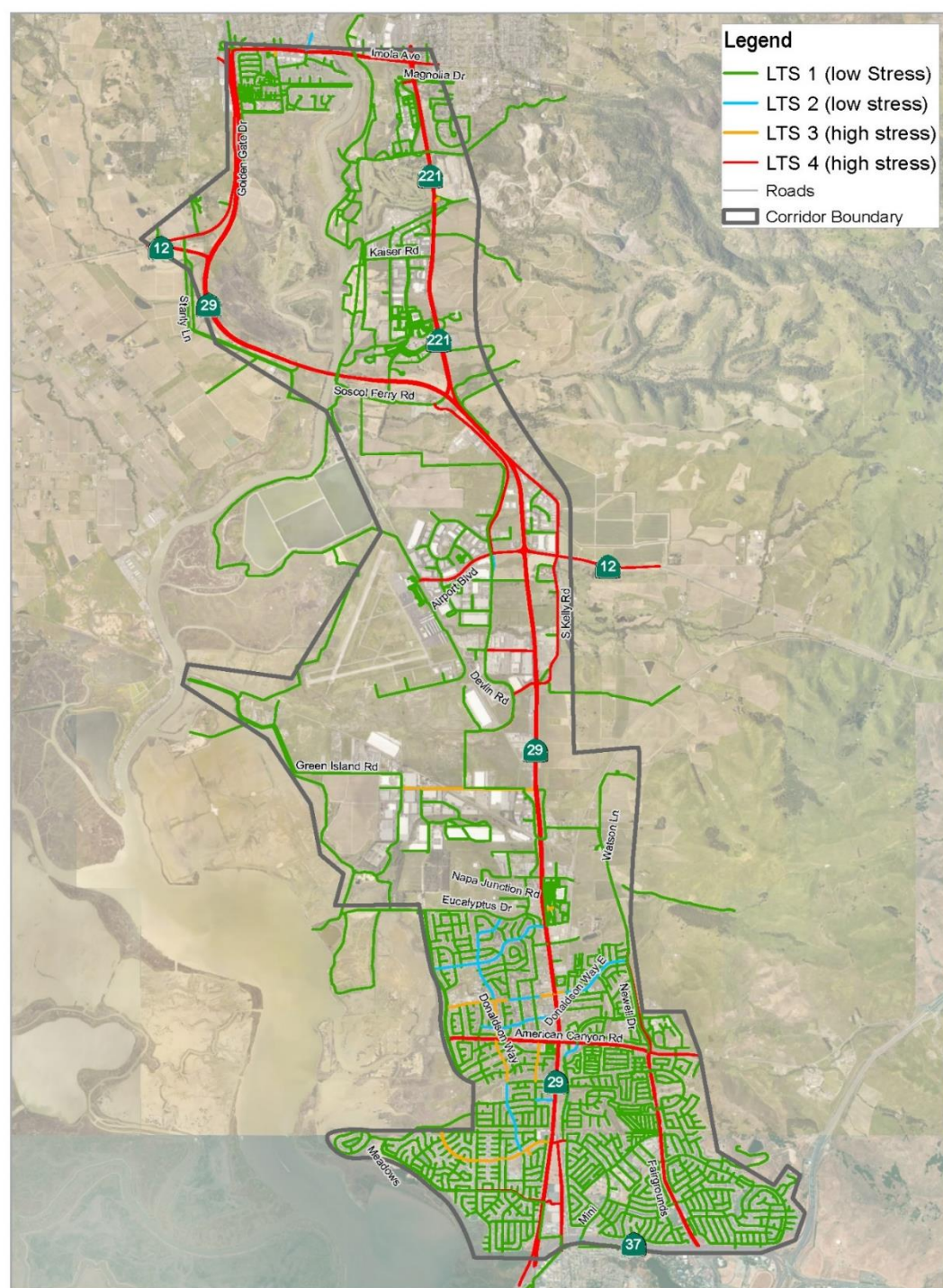
Existing Conditions (Vehicles)

- 40 intersection along the corridor were input into the microsimulation
 - Six intersections operating below established standards
 - SR 29/Carneros Hwy (SR 121/12 West)
 - SR 29/SR 221/Soscol Ferry Rd
 - SR 29/Airport/SR 12
 - SR 12/Kelly Road
 - SR 29/American Canyon Road



Existing Conditions (Bicycles)

- Level of Traffic Stress



Existing Conditions (Transit)

Existing Ridership			
Route	Peak Period		Daily
	AM	PM	
Route 11 Northbound	95	47	345
Route 11 Southbound	51	86	365
Route 11X Northbound	42	22	64
Route 11X Southbound	11	17	28
Route 29 Northbound	58	77	135
Route 29 Southbound	88	35	123
Route 21 Northbound	16	30	77
Route 21 Southbound	27	12	65

Existing Conditions (Pedestrians)

Pedestrian Collisions		
Collision Categories	Number of Collisions	
	Count	%
Total Collisions	51	100%
Crossing in Crosswalk at Intersection	22	43%
Crossing in Crosswalk Not at Intersection	1	2%
Crossing Not in Crosswalk	12	24%
In Road, Including Shoulder	12	24%
Not in Road	2	4%
Not Stated	2	4%

Corridor Solutions

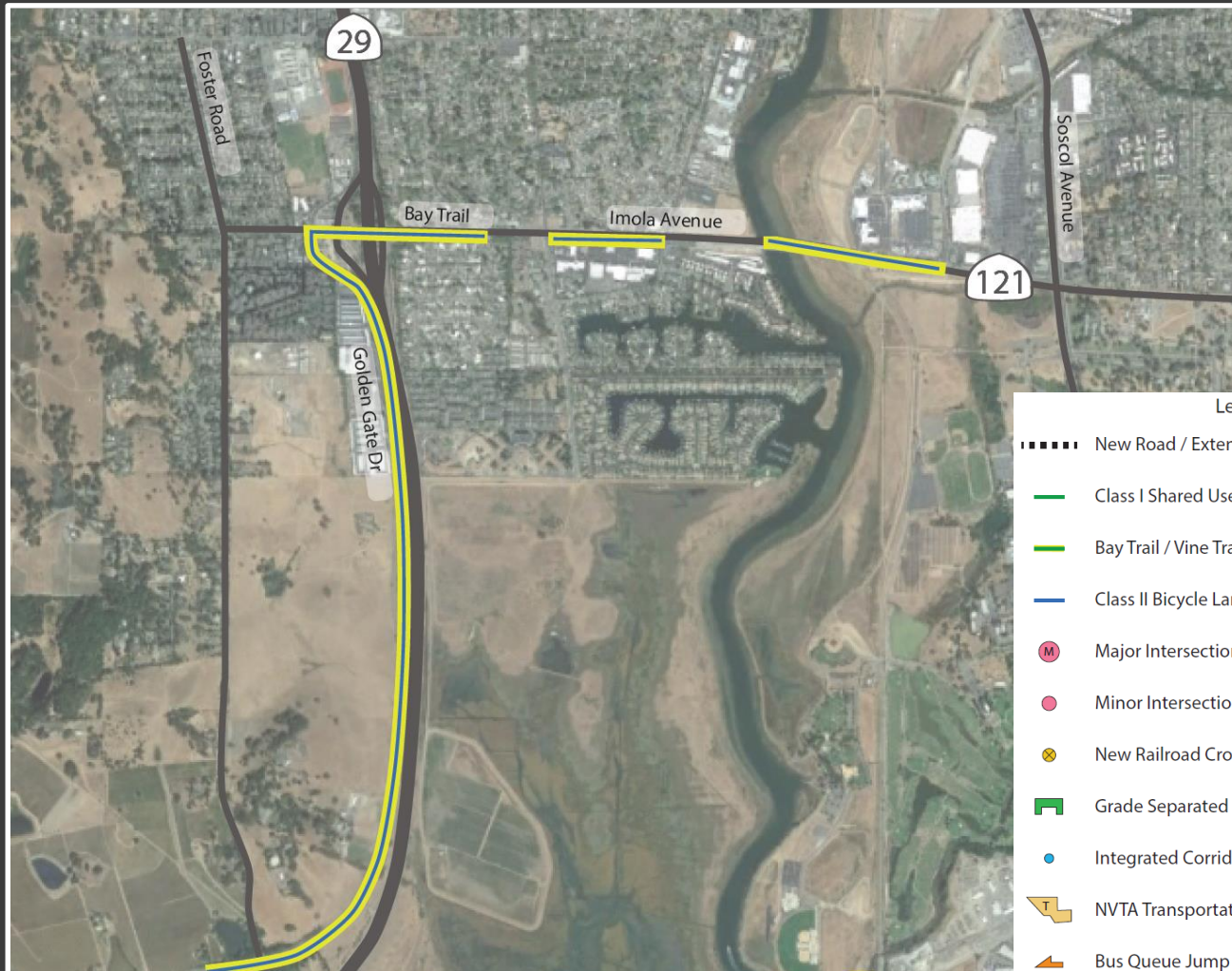
- Parallel Capacity Improvement
- SR 29 Multimodal Improvements
- Intersection Improvements
- Shared Use Paths
- SMART Train Extension
- Bus Improvements
- Integrated Corridor Management



Performance Assessment

- Multi-modal Connectivity/LTS
- Travel Forecasting
- Transit Ridership
- Safety
- Integrated Corridor Management
- Air Quality
- Env. Justice and Social Equity
- Econ. Development
- Adaptation Assessment
- Plan and Policy Consistency
- Emerging Technologies Assessment

Preferred Corridor Plan



Legend

- New Road / Extension
- Class I Shared Use Path
- Bay Trail / Vine Trail
- Class II Bicycle Lanes
- (M) Major Intersection Improvements
- (●) Minor Intersection Improvements
- ⊗ New Railroad Crossing
- ▤ Grade Separated Bike/Ped Crossing
- Integrated Corridor Management
- 📍 NVTa Transportation Management Center
- ⚡ Bus Queue Jump / Transit Signal Priority
- Bus Lane / Part Time Use of Shoulder



Preferred Corridor Plan Cont.



Legend

- New Road / Extension
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Preferred Corridor Plan Cont.



Preferred Corridor Plan Cont.



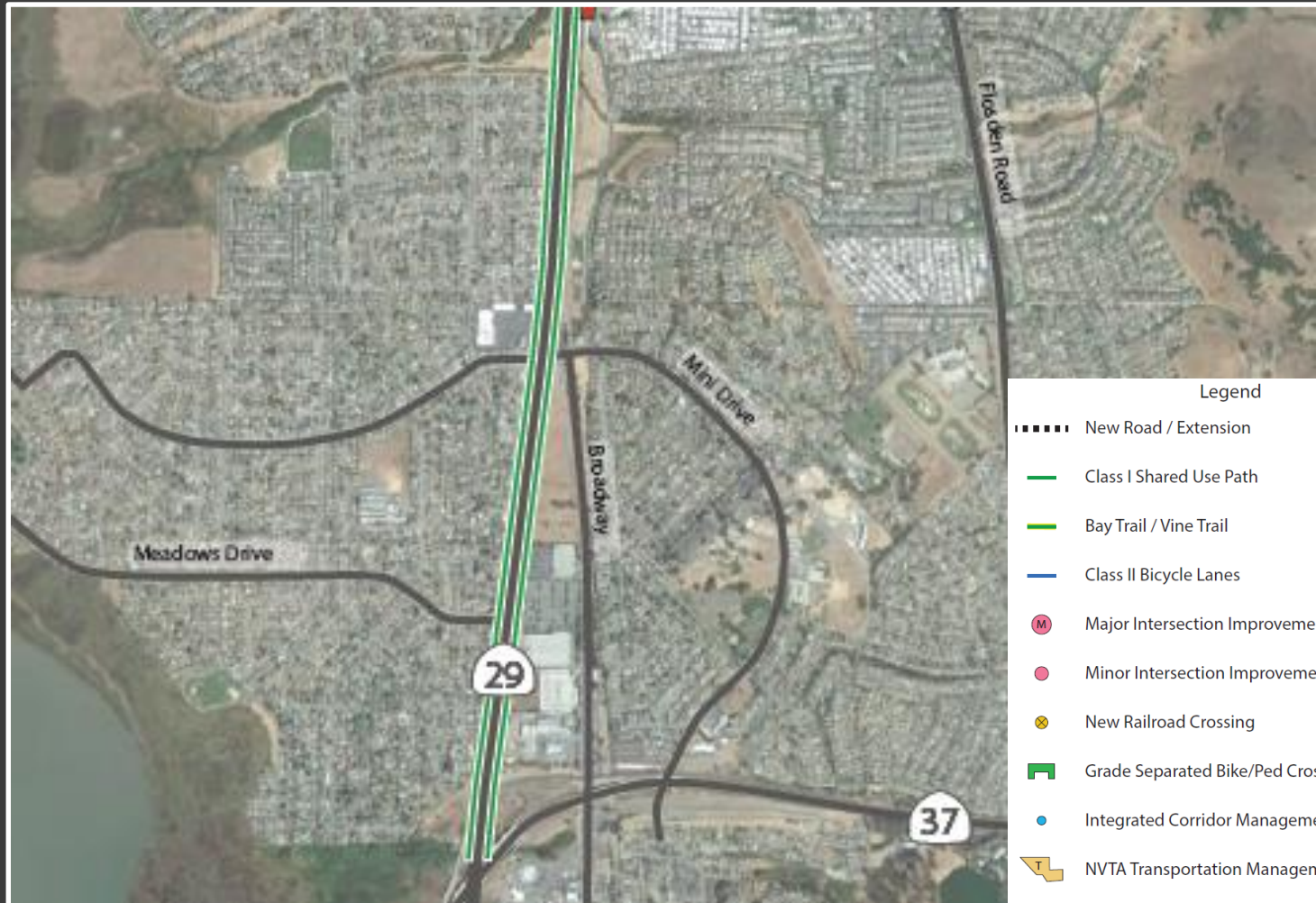
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Preferred Corridor Plan Cont.



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